

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|--------|---|------------------------------|------------------|---------|------------------|
| S17 5 | 6482 | (eras\$5) near10 (train or pulse) | US-PGPUB; USPAT | OR | ON | 2006/10/27 14:55 |
| S17 6 | 164646 | (mark or pit or space) near5 (disc or medium or disk or film or cd or dvd or carrier or layer) | US-PGPUB; USPAT | OR | ON | 2006/10/27 14:55 |
| S17 7 | 246 | S175 same S176 | US-PGPUB; USPAT | OR | ON | 2006/10/27 14:55 |
| S17 8 | 1641 | eras\$5 near2 pattern | US-PGPUB; USPAT; USOCR | OR | ON | 2006/10/27 14:55 |
| S17 9 | 24 | S176 same S178 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/10/27 14:55 |
| S18 0 | 3418 | ((first or front or lead\$3 or start\$5) near2 (pulse)) and ((second or last or end\$3 or finish\$5 or trail\$3) near2 (pulse)) | EPO; JPO | OR | ON | 2006/10/27 14:55 |
| S18 1 | 48469 | (power or energy or intensity or laser or beam) near2 (level or amount or value or intensity) | EPO; JPO | OR | ON | 2006/10/27 14:55 |
| S18 2 | 69 | S180 and S181 | EPO; JPO | OR | ON | 2006/10/27 14:55 |
| S18 3 | 4016 | (eras\$6 or spac\$5 or delet\$5) near2 (pulse or pattern or waveform or train or wave-form or (wave near2 form)) | EPO; JPO | OR | ON | 2006/10/27 14:56 |
| S18 4 | 48 | S180 and S183 | EPO; JPO | OR | ON | 2006/10/27 14:56 |
| S18 5 | 51 | S181 and S183 | EPO; JPO | OR | ON | 2006/10/27 14:56 |
| S18 6 | 9 | (direct adj (over-writ\$5 or over-record\$6 or (over adj (record\$5 or writ\$5)))) | EPO; JPO | OR | ON | 2006/10/27 14:56 |
| S18 7 | 1060 | (eras\$5 or space) near3 (train or pulse) near5 (power or current or intensity) | US-PGPUB; USPAT | OR | ON | 2006/10/27 14:56 |
| S18 8 | 43574 | ("369").CLAS. | US-PGPUB; USPAT | OR | OFF | 2006/10/27 14:56 |
| S18 9 | 295 | S187 and S188 | US-PGPUB; USPAT | OR | ON | 2006/10/27 14:56 |
| S19 0 | 1498 | (cool\$6) near2 (pulse) | US-PGPUB; USPAT | OR | ON | 2006/10/27 14:57 |
| S19 1 | 43574 | ("369").CLAS. | US-PGPUB; USPAT | OR | OFF | 2006/10/27 14:57 |

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| S19 2 | 14507 | ("386").CLAS. | US-PGPUB; USPAT | OR | OFF | 2006/10/27 14:57 |
| S19 3 | 57056 | S191 or S192 | US-PGPUB; USPAT | OR | ON | 2006/10/27 14:57 |
| S19 4 | 304 | S193 and S190 | US-PGPUB; USPAT | OR | ON | 2006/10/27 14:57 |
| S19 5 | 525 | (369/59.11).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/10/27 14:58 |

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| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|--------|---|--------------------|------------------|---------|------------------|
| L1 | 20 | (eras\$6) near2 (pattern) near4 (multi\$6 or train or plural\$5) near2 (pulse) | US-PGPUB; USPAT | OR | ON | 2006/11/07 09:53 |
| L6 | 2052 | ((front or start\$6 or first or lead\$6) near2 (pulse)) near4 (vary\$6 or varies or variation or chang\$6 or depend\$6 or accord\$6 or based) near5 (next or preced\$6 or following or succeed\$5 or last or second or end\$6 or previous\$3 or before) near2 (pulse) | US-PGPUB; USPAT | OR | ON | 2006/11/07 09:53 |
| L9 | 57199 | L7 or L8 | US-PGPUB; USPAT | OR | ON | 2006/11/07 09:53 |
| L10 | 151 | L6 and L9 | US-PGPUB; USPAT | OR | ON | 2006/11/07 09:53 |
| L13 | 316 | L11 near5 L12 | US-PGPUB; USPAT | OR | ON | 2006/11/07 09:53 |
| L14 | 23 | L9 and L13 | US-PGPUB; USPAT | OR | ON | 2006/11/07 09:53 |
| L15 | 2837 | ((start\$7 or front or lead\$5 or first or end\$6 or last or trail\$6 or finish\$5) adj (pulse)) near8 (speed or velocity or rate or rotat\$6) | US-PGPUB; USPAT | OR | ON | 2006/11/07 09:53 |
| L16 | 169 | L9 and L15 | US-PGPUB; USPAT | OR | ON | 2006/11/07 09:53 |
| L19 | 205150 | (turn\$3 or rotat\$5 or spin\$6) adj (rate or speed or velocity) | US-PGPUB; USPAT | OR | ON | 2006/11/07 09:53 |
| L20 | 377 | L19 near10 L12 | US-PGPUB; USPAT | OR | ON | 2006/11/07 09:53 |
| L21 | 23 | L9 and L20 | US-PGPUB; USPAT | OR | ON | 2006/11/07 09:53 |
| L22 | 3 | L21 not L14 | US-PGPUB; USPAT | OR | ON | 2006/11/07 09:53 |
| L23 | 43122 | (start\$7 or front or lead\$5 or first or end\$6 or last or trail\$6 or finish\$5) adj (pulse) | US-PGPUB; USPAT | OR | ON | 2006/11/07 09:53 |
| L24 | 223 | L19 with L23 | US-PGPUB; USPAT | OR | ON | 2006/11/07 09:53 |
| L35 | 603 | (servo) adj (unit or control\$3 or device or circuit) adj (read\$5 or reproduc\$6 or sens\$5 or detect\$6) | US-PGPUB; USPAT | OR | ON | 2006/11/07 09:53 |
| L36 | 42 | L35 near10 (speed or velocity or rate) | US-PGPUB; USPAT | OR | ON | 2006/11/07 09:53 |

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|------|-------|---|--------------------|----|-----|------------------|
| L46 | 2052 | ((front or start\$6 or first or lead\$6) near2 (pulse)) near4 (vary\$6 or varies or variation or chang\$6 or depend\$6 or accord\$6 or based) near5 (next or preced\$6 or following or succeed\$5 or last or second or end\$6 or previous\$3 or before) near2 (pulse) | US-PGPUB; USPAT | OR | ON | 2006/11/07 09:53 |
| L47 | 43669 | ("369").CLAS. | US-PGPUB; USPAT | OR | OFF | 2006/11/07 09:53 |
| L48 | 14555 | ("386").CLAS. | US-PGPUB; USPAT | OR | OFF | 2006/11/07 09:53 |
| L49 | 57199 | L47 or L48 | US-PGPUB; USPAT | OR | ON | 2006/11/07 09:53 |
| L81 | 151 | L46 and L49 | US-PGPUB; USPAT | OR | ON | 2006/11/07 09:53 |
| L105 | 203 | (multipulse or multi-pulse or (plural\$3 near2 pulse)) same ((leading or first or start or begin\$4) near3 (record\$5 or writ\$6) near2 (pulse)) | US-PGPUB; USPAT | OR | ON | 2006/11/07 09:53 |
| L106 | 203 | (multipulse or multi-pulse or (plural\$3 near2 pulse)) same (leading or first or start or begin\$4) near3 (record\$5 or writ\$6) near2 (pulse) | US-PGPUB; USPAT | OR | ON | 2006/11/07 09:53 |